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1 (withdrawn): A system, comprising:

a fuel dispenser position having a plurality of components;

and

5 an agent facility operatively associated with said fuel
dispenser position;

Q1 said agent facility being configured to perform a monitoring
function and/or a control function relative to said fuel
dispenser position.

2 (original): The system as recited in Claim 1, wherein said
agent facility being configured further to: (i) receive event
information from said fuel dispenser position; (ii) process the
event information received from said fuel dispenser position;

5 (iii) evaluate and/or analyze the processed event information;
(iv) execute a maintenance task in accordance with the results of
the evaluation and/or analysis; (v) execute a control task in
accordance with the results of the evaluation and/or analysis; or
(vi) perform any combination of steps (i)-(v).

3 (original): The system as recited in Claim 1, wherein said
agent facility being configured further to: (i) perform a
diagnostic operation in relation to event information operatively
received from said fuel dispenser position; and/or (ii) perform

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5 and/or direct a maintenance operation in relation to said fuel
dispenser position, in accordance with the outcome of the
diagnostic operation.

4 (original): The system as recited in Claim 3, wherein the
event information includes first data indicative of an event, and
second data indicative of status, parameter value, condition,
performance measure, or any combination thereof in relation to at
5 least one component of said fuel dispenser position.

5 (original): The system as recited in Claim 3, wherein the
maintenance operation includes issuing command information
adapted to reconfigure at least one component, issuing command
information adapted to control at least one functional aspect of
5 a fuel dispensing operation at said fuel dispenser position,
issuing and/or scheduling a service call, issuing notification of
a maintenance-ready condition, or any combination thereof.

6 (original): The system as recited in Claim 1, wherein said
agent facility being configured further to: (i) receive from said
fuel dispenser position an event message indicative of an event
occurring therein and/or event information pertaining to the
5 event indicated by the event message; (ii) manipulate variable
information associated with the event indicated by the event

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message, in accordance with the event message and/or the event
information; (iii) evaluate the manipulated variable information;
and (iv) execute at least one task in accordance with the
10 evaluation results.

W 7 (original): The system as recited in Claim 6, wherein
manipulation of the variable information involves adjustment of
an event-related variable and/or an event-related counter, the
event-related variable being indicative of an operating parameter
5 and/or an operating condition of said fuel dispenser position,
the event-related counter being indicative of a count of event
occurrence.

8 (original): The system as recited in Claim 6, wherein
evaluation of the manipulated variable information involves
analyzing the manipulated variable information relative to
predetermined test information.

9 (original): The system as recited in Claim 6, wherein
execution of the at least one task involves directing the
performance of at least one control task in said fuel dispenser
position.

10 (original): The system as recited in Claim 1, further
comprises:

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a variable table operatively associated with said agent
facility, said variable table including a plurality of event-
5 specific records, each record respectively including (i) an event
indicator indicative of the respective event associated
therewith, and (ii) variable information pertaining to the
respective event; and

an event table operatively associated with said agent
10 facility, said event table including a plurality of event-
specific records, each record respectively including at least one
of: (i) an event field indicative of an event associated with the
record; (ii) an action type field providing instructions defining
a data processing operation for performance in conjunction with
15 relevant variable information from said variable table; (iii) a
test type field providing instructions defining an analysis
operation for performance in conjunction with results of the data
processing operation; (iv) a test value field defining a
predetermined test value for use in the analysis operation; and
20 (v) an escalation event field providing instructions defining at
least one task for execution depending upon the outcome of the
analysis operation.

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11 (original): The system as recited in Claim 1, wherein said agent facility further comprises:

a means to receive event information from said fuel dispenser position;

5 a data facility including a plurality of information elements each associated with a respective event;

a processor, said processor being configured to process at least one information element of said data facility in accordance with the event information received from said fuel dispenser

10 position; and

a rules facility, said rules facility including a plurality of rules each associated with a respective event, each rule respectively defining an evaluation function configured to evaluate the information processed by said processor and/or a
15 tasking function configured to execute at least one task in accordance with results of the evaluation function.

12 (original): The system as recited in Claim 11, wherein said rules facility having a programmable feature enabling selective modification of said plurality of rules, selective removal of rules, and/or selective addition of rules.

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13 (original): The system as recited in Claim 1, wherein said agent facility further comprises:

a means to receive event information from said fuel dispenser position;

5 a data facility including a plurality of information elements each associated with a respective event;

a processor, said processor being configured to process at least one information element of said data facility in accordance with the event information received from said fuel dispenser

10 position; and

a rules facility, said rules facility including a plurality of rules each associated with a respective event, each rule respectively defining: (i) a diagnostic function configured to perform a diagnostic operation in relation to information

15 processed by said processor; (ii) a maintenance call operation configured to perform and/or direct the execution of at least one maintenance task pertaining to said fuel dispenser position, in accordance with the results of the diagnostic operation; (iii) a control operation configured to perform and/or direct the

20 execution of at least one control task pertaining to said fuel


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dispenser position, in accordance with the results of the diagnostic operation; or (iv) any combination of (i)-(iii).

14 (withdrawn): The system as recited in Claim 1, further comprises:

 a remote facility including a management application, said remote facility being disposed apart from said fuel dispenser position, said management application being configured to enable management of at least one component of said fuel dispenser position in cooperation with said agent facility; and

a communications link between said agent facility and said remote facility.

15 (withdrawn): The system as recited in Claim 14, wherein said agent facility including a client entity and said remote facility including a server entity.

16 (withdrawn): The system as recited in Claim 15, wherein said agent facility and said remote facility being configured to perform management functions according to the Simple Network Management Protocol (SNMP) specification.

17 (withdrawn): A system for use in a refueling environment, said refueling environment comprising a plurality of fuel

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dispenser positions each having a respective plurality of
components, said system comprising:

5 a management system configured to enable operative
management of said refueling environment;

Q said management system including a management application in
combination with an agent facility;

10 said agent facility being operatively arranged in a network
management configuration with at least one fuel dispenser
position.

18 (original): The system as recited in Claim 17, wherein
said agent facility being configured to: (i) perform a diagnostic
operation in relation to event information operatively received
from said refueling environment; and/or (ii) perform and/or
5 direct a maintenance operation in relation to at least one fuel
dispenser position, in accordance with the outcome of the
diagnostic operation.

19 (withdrawn): The system as recited in Claim 17, wherein
said agent facility being configured to: (i) receive event
information from said refueling environment; (ii) process the
event information received from said refueling environment; (iii)
5 evaluate and/or analyze the processed event information; (iv)

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execute a maintenance task in accordance with the results of the evaluation and/or analysis; (v) execute a control task in accordance with the results of the evaluation and/or analysis; or (vi) perform any combination of steps (i)-(v).

20 (original): The system as recited in Claim 17, wherein said agent facility being configured to: (i) receive from said refueling environment at least one event message indicative of at least one event occurring therein and/or event information
5 pertaining to the at least one event indicated by the at least one event message; (ii) manipulate variable information associated with the at least one event indicated by the at least one event message, in accordance with the at least one event message and/or the event information; (iii) evaluate the
10 manipulated variable information; and (iv) execute at least one task in accordance with the evaluation results.

21 (original): The system as recited in Claim 20, wherein manipulation of the variable information involves adjustment of an event-related variable and/or an event-related counter, the event-related variable being indicative of an operating parameter
5 and/or an operating condition pertaining to at least one fuel

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dispenser position, the event-related counter being indicative of a count of event occurrence.

22 (original): The system as recited in Claim 20, wherein evaluation of the manipulated variable information involves analyzing the manipulated variable information relative to predetermined test information.

23 (withdrawn): The system as recited in Claim 20, wherein execution of the at least one task involves directing the performance of at least one control task in relation to at least one fuel dispenser position.

24 (original): The system as recited in Claim 17, further comprises:

a variable table operatively associated with said agent facility, said variable table including a plurality of event-specific records, each record respectively including an event indicator indicative of the respective event associated therewith and variable information pertaining to the respective event; and

an event table operatively associated with said agent facility, said event table including a plurality of event-specific records, each record respectively including at least one of: (i) an event field indicative of an event associated with the

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record; (ii) an action type field providing instructions defining
a data processing operation for performance in conjunction with
relevant variable information from said variable table; (iii) a
15 test type field providing instructions defining an analysis
operation for performance in conjunction with results of the data
processing operation; (iv) a test value field defining a
predetermined test value for use in the analysis operation; and
(v) an escalation event field providing instructions defining at
20 least one task for execution depending upon the outcome of the
analysis operation.

25 (original): The system as recited in Claim 17, wherein
said agent facility further comprises:

a means to receive event information from said refueling
environment;

5 a data facility including a plurality of information
elements each associated with a respective event;

a processor, said processor being configured to process at
least one information element of said data facility in accordance
with the event information received from said refueling
10 environment; and

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a rules facility, said rules facility including a plurality of rules each associated with a respective event, each rule respectively defining an evaluation function configured to evaluate the information processed by said processor and/or a
15 tasking function configured to execute at least one task in accordance with results of the evaluation function.

26 (original): The system as recited in Claim 17, wherein said agent facility further comprises:

a means to receive event information from said refueling environment;

5 a data facility including a plurality of information elements each associated with a respective event;

a processor, said processor being configured to process at least one information element of said data facility in accordance with the event information received from said refueling
10 environment; and

a rules facility, said rules facility including a plurality of rules each associated with a respective event, each rule respectively defining: (i) a diagnostic function configured to perform a diagnostic operation in relation to information
15 processed by said processor; (ii) a maintenance call operation

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configured to perform and/or direct the execution of at least one maintenance task in relation to at least one fuel dispenser position, in accordance with the results of the diagnostic operation; (iii) a control operation configured to perform and/or
20 direct the execution of at least one control task in relation to at least one fuel dispenser position, in accordance with the results of the diagnostic operation; or (iv) any combination of (i)-(iii).

27 (original): The system as recited in Claim 17, wherein said management application being disposed remote from said refueling environment and said agent facility being disposed within said refueling environment.

28 (original): An apparatus, comprising:

a fuel dispenser position; and

an agent facility operatively associated with said fuel dispenser position.

29 (original): The apparatus as recited in Claim 28, wherein said agent facility further comprises:

a means to receive event information from said fuel dispenser position;

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5 a diagnostic test program operatively coupled to said
receive means; and

a maintenance procedure program operatively associated with
said diagnostic test program.

30 (original): The apparatus as recited in Claim 28, wherein
said agent facility further comprises:

CA a means to receive event information from said fuel
dispenser position;

5 a data processor operatively coupled to said receive means;
and

a data analyzer operatively coupled to said data processor.

31 (original): The apparatus as recited in Claim 28, further
comprises:

a fuel dispenser control program operatively associated with
said agent facility.

32 (original): The apparatus as recited in Claim 28, further
comprises:

an event table operatively associated with said agent
facility.

33 (original): The apparatus as recited in Claim 32, further
comprises:

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a variable table operatively associated with said event table.

34 (original): The apparatus as recited in Claim 33, wherein:

said variable table including a plurality of event-specific records, each record respectively including (i) an event indicator indicative of the respective event associated

5 therewith, and (ii) variable information pertaining to the respective event; and

said event table including a plurality of event-specific records, each record respectively including at least one of: (i) an event field indicative of an event associated with the record;
10 (ii) an action type field providing instructions defining a data processing operation involving variable information from said variable table; (iii) a test type field providing instructions defining an analysis operation in conjunction with results of the data processing operation; (iv) a test value field defining a
15 predetermined test value for use in the analysis operation; and
(v) an escalation event field providing instructions defining at least one task for execution depending upon the outcome of the analysis operation.

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35 (original): The apparatus as recited in Claim 28, wherein
said agent facility further comprises:

a means to receive event information from said fuel
dispenser position;

5 a data facility including a plurality of information
elements each associated with a respective event;

a processor operatively associated with said receive means
and said data facility; and

a rules facility operatively associated with said processor,
10 said rules facility including a plurality of rules each
associated with a respective event, each rule respectively
including a first set of executable instructions defining an
evaluation procedure and a second set of executable instructions
defining a management task, the management task including an
15 executable control task and/or an executable maintenance task.

36 (original): The apparatus as recited in Claim 28, wherein
said agent facility further comprises:

a means to receive event information from said fuel
dispenser position;

5 a data facility including a plurality of information
elements each associated with a respective event;

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a processor operatively associated with said receive means
and said data facility; and

W
a rules facility operatively associated with said processor,
10 said rules facility including a plurality of rules each
associated with a respective event, each rule respectively
including (i) first program code defining a diagnostic operation,
(ii) second program code defining a maintenance operation in
relation to said fuel dispenser position, and (iii) third program
15 code defining a control operation in relation to said fuel
dispenser position.

37 (original): The apparatus as recited in Claim 28, further
comprises:

a remote facility including a management application, said
remote facility being disposed apart from said fuel dispenser
5 position; and

a communications link between said agent facility and said
remote facility.

38 (original): A method for use with a fuel dispenser
position in combination with an agent facility, said method
comprising the steps of:

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the agent facility receiving event information from said
5 fuel dispenser position;

the agent facility processing the event information received
from said fuel dispenser position; and

the agent facility evaluating the processed event
information.

39 (original): The method as recited in Claim 38, further
comprises the steps of:

the agent facility executing a maintenance task and/or a
control task in accordance with results of the evaluation.

40 (original): The method as recited in Claim 38, further
comprises the step of:

the agent facility communicating the event information
received from said fuel dispenser position and/or the evaluation
5 results to a remote facility disposed apart from said fuel
dispenser position.

41 (original): The method as recited in Claim 38, further
comprises the step of:

the agent facility issuing control commands to said fuel
dispenser position, in response to at least one directive

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5 received from a remote facility disposed apart from said fuel
dispenser position.

42 (original): The method as recited in Claim 38, further
comprises the step of:

CS 5 the agent facility performing at least one management task
in relation to said fuel dispenser position, in response to at
least one instruction received from a remote management
application disposed apart from said fuel dispenser position.

43 (original): The method as recited in Claim 38, wherein the
processing step further comprises the steps of:

defining event-specific variable information;
associating the variable information with the event
5 information; and
manipulating the variable information in accordance with the
event information.

44 (original): The method as recited in Claim 43, wherein the
manipulation step further comprises the step of:

adjusting an event-related variable and/or an event-related
counter, the event-related variable being indicative of an
5 operating parameter and/or an operating condition of said fuel

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dispenser position, the event-related counter being indicative of a count of event occurrence.

45 (original): The method as recited in Claim 38, wherein the evaluation step further comprises the step of:

determining an allowability of the processed event information in comparative relation to reference information.

46 (original): The method as recited in Claim 38, wherein the evaluation step further comprises the step of:

performing a rule-based analysis of the processed event information.

47 (original): The method as recited in Claim 38, wherein the evaluation step further comprises the steps of:

defining a plurality of event-specific rules;

detecting an event based upon the event information received
5 from said fuel dispenser position; and

applying the processed event information to at least one relevant one of said plurality of event-specific rules as specified by the detected event.

48 (original): The method as recited in Claim 47, wherein each rule respectively defining: (i) a diagnostic function configured to perform a diagnostic operation in relation to the

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processed event information; (ii) a maintenance call operation
5 configured to perform and/or direct the execution of at least one
maintenance task pertaining to said fuel dispenser position, in
accordance with the results of the diagnostic operation; (iii) a
control operation configured to perform and/or direct the
execution of at least one control task pertaining to said fuel
10 dispenser position, in accordance with the results of the
diagnostic operation; or (iv) any combination of (i)-(iii).

49 (original): The method as recited in Claim 47, wherein the
rule definition step further comprises the step of:

constructing an event table including a plurality of event-
specific records;

5 each event table record respectively including at least one
of: (i) an event field indicative of an event associated with the
record; (ii) an action type field providing instructions defining
a data processing operation for performance in conjunction with
event-specific variable information, the data processing
10 operation being used by the event information processing step;
(iii) a test type field providing instructions defining an
analysis operation for performance in conjunction with results of
the data processing operation; (iv) a test value field defining a

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predetermined test value for use in the analysis operation; and
15 (v) an escalation event field providing instructions defining at
least one task for execution depending upon the outcome of the
analysis operation.

50 (original): The method as recited in Claim 49, further
comprises the step of:

constructing a variable table including a plurality of
event-specific records;

5 each variable table record respectively including (i) an
event indicator indicative of the respective event associated
therewith, and (ii) event-specific variable information
pertaining to the respective event.

51 (original): The method as recited in Claim 38, wherein the
evaluation step further comprises the steps of:

constructing a variable table including a plurality of
event-specific records;

5 each variable table record respectively including (i) an
event indicator indicative of the respective event associated
therewith, and (ii) event-specific variable information
pertaining to the respective event;

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constructing an event table including a plurality of event-
10 specific records, each event table record respectively defining
an executable evaluation procedure;


each event table record respectively including at least one
of: (i) an event field indicative of an event associated with the
record; (ii) an action type field providing instructions defining
15 a data processing operation for performance in conjunction with
relevant variable information from the variable table, the data
processing operation being used by the event information
processing step; (iii) a test type field providing instructions
defining an analysis operation for performance in conjunction
20 with results of the data processing operation; (iv) a test value
field defining a predetermined test value for use in the analysis
operation; and (v) an escalation event field providing
instructions defining at least one task for execution depending
upon the outcome of the analysis operation; and

25 utilizing the event table and the variable table to evaluate
the processed event information by associating an event indicated
by the event information with a relevant event-specific event
table record and executing the corresponding evaluation procedure
defined by the relevant event table record.

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52 (original): A method for use with a fuel dispenser position in combination with an agent facility, said method comprising the steps of:

the agent facility receiving event information from said
5 fuel dispenser position; and

 the agent facility performing a diagnostic test procedure in relation to the event information received from said fuel dispenser position.

53 (original): The method as recited in Claim 52, further comprises the step of:

the agent facility performing a maintenance operation and/or a control operation in relation to said fuel dispenser position,
5 in accordance with the results of the diagnostic test procedure performance.

54 (original): The method as recited in Claim 52, wherein the diagnostic test procedure performance step further comprises the steps of:

defining a plurality of event-specific rules;
5 detecting an event based upon the event information received from said fuel dispenser position; and

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causing at least one relevant one of said plurality of event-specific rules as specified by the detected event to process and/or evaluate the event information.

55 (original): The method as recited in Claim 54, wherein the rule definition step further comprises the step of:

constructing an event table including a plurality of event-specific records;

5 each event table record respectively including at least one of: (i) an event field indicative of an event associated with the record; (ii) an action type field providing instructions defining a data processing operation for performance in conjunction with event-specific variable information; (iii) a test type field
10 providing instructions defining an analysis operation for performance in conjunction with results of the data processing operation; (iv) a test value field defining a predetermined test value for use in the analysis operation; and (v) an escalation event field providing instructions defining at least one task for
15 execution depending upon the outcome of the analysis operation.

56 (original): The method as recited in Claim 55, further comprises the step of:

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constructing a variable table including a plurality of
event-specific records;

5 each variable table record respectively including (i) an
event indicator indicative of the respective event associated
therewith, and (ii) event-specific variable information
pertaining to the respective event.

57 (original): The method as recited in Claim 52, wherein the
diagnostic test procedure performance step further comprises the
steps of:

defining event-specific variable information;

5 associating the variable information with the event
information;

manipulating the variable information in accordance with the
event information; and

evaluating the manipulated variable information.

58 (original): The method as recited in Claim 57, wherein the
manipulation step further comprises the step of:

adjusting an event-related variable and/or an event-related
counter, the event-related variable being indicative of an
5 operating parameter and/or an operating condition of said fuel

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dispenser position, the event-related counter being indicative of a count of event occurrence.

59 (original): The method as recited in Claim 52, further comprises the step of:

the agent facility communicating the event information received from said fuel dispenser position and/or the evaluation results to a remote facility disposed apart from said fuel dispenser position.

60 (original): The method as recited in Claim 52, further comprises the step of:

the agent facility issuing control commands to said fuel dispenser position, in response to at least one directive received from a remote facility disposed apart from said fuel dispenser position.

61 (original): The method as recited in Claim 52, further comprises the step of:

the agent facility performing at least one management task in relation to said fuel dispenser position, in response to at least one instruction received from a remote management application disposed apart from said fuel dispenser position.

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62 (original): A computer program product for use in an agent facility having a computer environment, the agent facility operatively associated with a fuel dispenser position, the computer program product comprising a computer usable medium
5 having computer readable program code thereon executable by the computer environment, the computer readable program code comprising:

first program code for processing event information operatively received by said agent facility from said fuel
10 dispenser position; and

second program code for evaluating the processed event information.

63 (original): The computer program product as recited in Claim 62, wherein the computer readable program code further comprises:

program code for executing a maintenance task and/or a
5 control task relative to said fuel dispenser position, in accordance with the results of the evaluation provided by the second program code.

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64 (original): The computer program product as recited in Claim 62, wherein the computer readable program code further comprises:

program code for defining a plurality of executable event-
5 specific rules;

program code for detecting an event based upon the event
information received from said fuel dispenser position; and

program code for applying the processed event information to
at least one relevant one of said plurality of event-specific
10 rules as specified by the detected event for execution thereof.

65 (original): The computer program product as recited in Claim 62, further comprises:

a first data facility including a variable table having a
plurality of event-specific records;

5 each variable table record respectively including (i) an
event indicator indicative of the respective event associated
therewith, and (ii) event-specific variable information
pertaining to the respective event;

a second data facility including an event table having a
10 plurality of event-specific records, each event table record
respectively defining an executable evaluation procedure;

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each event table record respectively including at least one
of: (i) an event field indicative of an event associated with the
record; (ii) an action type field providing instructions defining
15 a data processing operation for performance in conjunction with
relevant variable information from the variable table; (iii) a
test type field providing instructions defining an analysis
operation for performance in conjunction with results of the data
processing operation; (iv) a test value field defining a
20 predetermined test value for use in the analysis operation; and
(v) an escalation event field providing instructions defining at
least one task for execution depending upon the outcome of the
analysis operation; and

the second program code further includes third program code
25 for utilizing the event table and the variable table to evaluate
the processed event information by associating an event indicated
by the event information with a relevant event-specific event
table record and then executing the corresponding evaluation
procedure defined by the relevant event table record.

66 (original): A computer program product for use in an agent
facility having a computer environment, the agent facility
operatively associated with a fuel dispenser position, the

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computer program product comprising a computer usable medium
5 having computer readable program code thereon executable by the
computer environment, the computer readable program code
comprising:

67 (original): first program code for defining and performing a diagnostic
test procedure in relation to event information received from
10 said fuel dispenser position.

67 (original): The computer program product as recited in
Claim 66, wherein the computer readable program code further
comprises:

program code for performing a maintenance operation and/or a
5 control operation in relation to said fuel dispenser position, in
accordance with the results of the diagnostic test procedure
performance provided by said first program code.

68 (original): The computer program product as recited in
Claim 66, wherein the first program code further comprises:

program code for defining a plurality of executable event-
specific rules;

5 program code for detecting an event based upon the event
information received from said fuel dispenser position; and

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program code for causing at least one relevant one of said plurality of event-specific rules as specified by the detected event to process and/or evaluate the event information by
10 execution thereof.

69 (original): The computer program product as recited in Claim 66, wherein the first program code further comprises:

second program code for defining event-specific variable information;

5 third program code for associating the variable information with the event information;

fourth program code for manipulating the variable information in accordance with the event information; and

fifth program code for evaluating the manipulated variable
10 information.

70 (original): The computer program product as recited in Claim 69, wherein the fourth program code further comprises:

program code for adjusting an event-related variable and/or an event-related counter, the event-related variable being
5 indicative of an operating parameter and/or an operating condition of said fuel dispenser position, the event-related counter being indicative of a count of event occurrence.

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71 (original): The computer program product as recited in Claim 66, further comprises:

a first data facility including a variable table having a plurality of event-specific records;

5 each variable table record respectively including (i) an event indicator indicative of the respective event associated therewith, and (ii) event-specific variable information pertaining to the respective event;

10 a second data facility including an event table having a plurality of event-specific records, each event table record respectively defining an executable evaluation procedure;

each event table record respectively including at least one of: (i) an event field indicative of an event associated with the record; (ii) an action type field providing instructions defining a data processing operation for performance in conjunction with relevant variable information from the variable table; (iii) a test type field providing instructions defining an analysis operation for performance in conjunction with results of the data processing operation; (iv) a test value field defining a predetermined test value for use in the analysis operation; and
20 (v) an escalation event field providing instructions defining at

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least one task for execution depending upon the outcome of the analysis operation; and

25 the first program code further includes program code for utilizing the event table and the variable table to process and evaluate the event information by associating an event indicated by the event information with a relevant event-specific event table record and then executing the corresponding evaluation procedure defined by the relevant event table record.
